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Good morning,

### On Providing Cooling Water Forever and Other Thoughts

Before we close down the Near Term Lessons Learned Task Force, I would like an estimate of how long it is needed to cool reactor corium spread among the inside of the reactor vessel, the “carousel” underneath, the inside concrete surface of the Reactor Vessel/Biological Shield Wall pedestal, and the Drywell Floor below because I have the idea that it probably is no longer necessary at Fukushima Dai ichi at 5 years.

Wouldn't it be helpful for the rest of the industry to have an estimate of when augmented (such as FLEX) cooling would no longer serve a useful purpose?

Also, could you have them compare the (total) accident cost out to 40 years if NO COOLING WATER had been provided?

Finally, suppose a mixture of sand and gravel was dumped into the basements of Tokyo Electric Power Company Holdings/Fukushima Dai ichi Units 3 and 4 at 2 ½ years. How much less contaminated water would need to have been treated and stored to date? What would the cost savings be in American dollars for the following 37 ½ years?

Thank you,

Tom Gurdziel

Wasn't the plan to remove nuclear fuel from the Unit 4 Spent Fuel Pool, (which has been done), then install a refuel bridge at Unit 3 and cover it with the temporary building presently either at Unit 1 or at Unit 4 and continue removing nuclear fuel? Why is there no progress?

